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LIST OF STANDARDS

- 000001-06 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 001001-02 AREAS OF REINFORCEMENT BARS
- 001006 DECIMAL OF AN INCH AND OF A FOOT
- 442101-07 CLASS B PATCHES
- 442201-03 CLASS C AND D PATCHES
- 701006-04 OFF-ROAD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
- 701101-03 OFF-ROAD MOVING OPERATIONS, 2L, 2W DAY ONLY
- 701301-04 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
- 701311-03 LANE CLOSURE 2L, 2W MOVING OPERATIONS - DAY ONLY
- 701421-05 LANE CLOSURE, MULTILANE, DAY OPERATIONS ONLY, FOR SPEEDS > 45 MPH TO 55 MPH
- 701422-05 LANE CLOSURE, MULTILANE, FOR SPEEDS > 45 MPH TO 55 MPH
- 701426-05 LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS > 45 MPH
- 701451-01 RAMP CLOSURE FREEWAY/EXPRESSWAY
- 701501-06 URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
- 701602-06 URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE
- 701701-08 URBAN LANE CLOSURE, MULTILANE INTERSECTION
- 701901-02 TRAFFIC CONTROL DEVICES
- 780001-03 TYPICAL PAVEMENT MARKINGS
- 781001-03 TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
- 782001 PRISMATIC CURB REFLECTORS
- 886001-01 DETECTOR LOOP INSTALLATIONS
- 886006-01 TYPICAL LAYOUTS FOR DETECTION LOOPS

GENERAL NOTES

1. THE STANDARDS AND REVISION NUMBERS SHALL APPLY TO THIS PROJECT.
2. ILLINOIS STATE LAW REQUIRES A 48 HOUR NOTICE TO BE GIVEN TO ALL UTILITIES BEFORE DIGGING. FIELD MARKING OF FACILITIES MAY BE OBTAINED BY CONTACTING J.U.L.I.E. OR FOR NON MEMBERS, THE UTILITY COMPANY DIRECTLY. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:
3. THE THICKNESS OF THE HMA MIXTURE SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HMA MIXTURE IS PLACED.
4. AN ESTIMATED 13376 TONS OF HMA WILL BE REMOVED.
5. ALL AREAS DISTURBED FOR ANY REASON SHALL BE SEEDED AND MULCHED AS DIRECTED BY THE ENGINEER. NUTRIENTS SHALL CONFORM TO ARTICLE 250.04 OF THE STANDARD SPECIFICATIONS. NO EXTRA PAYMENT WILL BE MADE FOR SUCH WORK. ALL AREAS DISTURBED BY THE CONTRACTOR OUTSIDE THE PROPOSED CONSTRUCTION LIMITS SHALL BE SEEDED AT THE CONTRACTORS EXPENSE.
6. THE CONTRACTOR AND THE ENGINEER SHALL BE AWARE THAT NO SURVEY WAS PERFORMED FOR THIS PROJECT. THE STATIONING SHOWN IN THE PLANS WAS CREATED USING MICROFILM AND FIELD MEASUREMENTS MADE BY DESIGN PERSONNEL. BOTH SHALL BE CONSIDERED APPROXIMATE.
7. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS AND CONSTRUCTION.
8. "ROAD CONSTRUCTION AHEAD" SIGNS SHALL BE PLACED AT THE BEGINNING OF THE PROJECT PLUS ALL INTERSECTING SIDE ROADS AND RAMPS AND WILL BE INCLUDED IN THE TRAFFIC CONTROL PAY ITEMS. ALL CONSTRUCTION SIGNS SHALL BE 48" FLOURESCENT ORANGE.
9. SHORT-TERM PAVEMENT MARKING SHALL BE APPLIED TO THE HMA BINDER COURSE AND SURFACE COURSE, IF REQUIRED. A QUANTITY FOR TEMPORARY PAVEMENT MARKING EQUAL TO THE AMOUNT OF PERMANENT PAVEMENT MARKING HAS BEEN INCLUDED IN THE PLANS.
10. ALL TEMPORARY PAVEMENT MARKINGS SHALL BE PLACED IN SUCH A WAY AS NOT TO INTERFERE WITH THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
11. APPROXIMATELY 940 SQUARE YARDS OF PCC PATCHES WITHIN THE PROJECT LIMITS WILL BE SUBJECT TO THE HMA SURFACE REMOVAL OPERATIONS OF THE DEPTHS SPECIFIED IN THE PLANS. THE COST OF MILLING THESE PATCHES SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE OF THE HMA REMOVAL ITEMS IN THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
12. APPROXIMATELY 20 SQUARE YARDS OF HMA PATCHES WITHIN THE PROJECT LIMITS WILL BE SUBJECT TO THE HMA SURFACE REMOVAL OPERATIONS OF THE DEPTHS SPECIFIED IN THE PLANS. THE COST OF MILLING THESE PATCHES SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE OF THE HMA REMOVAL ITEMS IN THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

12. APPROXIMATELY 20 SQUARE YARDS OF HMA PATCHES WITHIN THE PROJECT LIMITS WILL BE SUBJECT TO THE HMA SURFACE REMOVAL OPERATIONS OF THE DEPTHS SPECIFIED IN THE PLANS. THE COST OF MILLING THESE PATCHES SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE OF THE HMA SURFACE REMOVAL ITEMS IN THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
13. FOR CLASS B PATCHES, THE REINFORCEMENT SHALL BE PLACED AT 3/2" ± 1 INCH BELOW THE ELEVATION OF THE EXISTING CONCRETE PAVEMENT.
14. THE CONTRACTOR SHALL EXERCISE CARE IN PERFORMING REMOVALS SO AS NOT TO DISRUPT ADJOINING FEATURES THAT ARE TO REMAIN IN PLACE. ANY DAMAGE CAUSED TO ADJOINING FEATURES AS A RESULT OF THE CONTRACTOR'S NEGLIGENCE SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE ENGINEER.
15. THE CONTRACTOR SHALL EXERCISE CARE IN EXCAVATING AROUND EXISTING UTILITIES TO REMAIN IN PLACE, SUCH AS WATER AND SEWER MAINS, AND SHALL BE RESPONSIBLE FOR REPAIR OF THESE AND MAINTENANCE OF SERVICE, IF DAMAGED BY THE CONTRACTOR'S ACTIVITIES, AS DEEMED SUCH BY THE ENGINEER.
16. THE CONTRACTOR SHALL VERIFY AND MATCH ALL EXISTING CROSS SLOPES.
17. FLAGGERS SHALL BE PRESENT DURING ALL CLOSURE HOURS INCLUDING LUNCH HOUR AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED.
18. CARE SHALL BE TAKEN AT ALL SIDE STREETS AND ENTRANCES DURING MILLING OPERATIONS TO ENSURE THAT THE PROPOSED RESURFACING WILL MEET THE EXISTING SIDE STREETS AND ENTRANCES.
19. UNLESS OTHERWISE NOTED, THE INTENT OF THIS CONTRACT IS TO MILL AND RESURFACE TO THE EXISTING CONSTRUCTION JOINTS.
20. THE INTENT OF THIS CONTRACT IS TO MILL TO BARE CONCRETE AND RESURFACE WITH AN EQUAL THICKNESS OF HMA, WITHIN THE LIMITS AS SHOWN ON THE PLANS, AT THE FOLLOWING LOCATIONS:
 IL 143: ALL LEGS/LANES
 RAMP FROM EASTBOUND IL 143 TO SOUTHBOUND IL 3 (RAMP B)
 IL 3: SOUTHBOUND RIGHT LANE FROM NEW POAG ROAD TO INDUSTRIAL DRIVE, OMITTING INTERSECTIONS AS DETAILED IN PLANS, AND ALL LEGS/LANES AT CHAIN OF ROCKS ROAD AND PONTOON ROAD
21. AT THE LOCATIONS NOT TO BE MILLED TO BARE CONCRETE, THE INTENT OF THIS CONTRACT IS TO MILL AND RESURFACE WITH THE INDICATED THICKNESSES AS FOLLOWS:
 IL 3 LEGS AT IL 143: 4 3/4"
 IL 3 LEGS AT NEW POAG ROAD: 4 3/4"
 CHAIN OF ROCKS ROAD AT IL 3: 2"
22. ALL MILLED AREAS GREATER THAN 2 1/2" SHALL BE RESURFACED WITH THE APPROPRIATE LEVEL BINDER OR BINDER COURSE PRIOR TO OPENING LANES TO TRAFFIC.
23. UNLESS OTHERWISE NOTED, THE PROPOSED PAVEMENT MARKINGS SHALL MATCH THE EXISTING LOCATIONS.
24. THE DEPARTMENT STRONGLY ENCOURAGES THE PRIME CONTRACTOR AND THEIR APPROVED SUB-CONTRACTOR TO HIRE MINORITY, WOMEN AND DISADVANTAGED INDIVIDUALS FROM ITS FEDERAL FUNDED HIGHWAY CONSTRUCTION CAREERS TRAINING PROGRAM (HCCTP) TO HELP MEET WORK FORCE TRAINEE GOALS. THIS PROGRAM IS TRAINING MINORITIES, WOMEN AND DISADVANTAGED INDIVIDUALS IN HIGHWAY CONSTRUCTION RELATED SKILLS. E.G., MATH FOR THE TRADES, JOB READINESS, TECHNICAL SKILLS COURSE WORK (CARPENTRY, CONCRETE FLAT WORK, BLUEPRINT READING, SITE PLANS, SITE WORK, TOOLS USE, ETC.) AND OSHA 10 HOUR CERTIFICATION. TO PREPARE THEM FOR A CAREER IN THEIR HIGHWAY CONSTRUCTION TRADES. GRADUATES ARE WELL-TRAINED AND READY TO BECOME PRODUCTIVE ENTRY-LEVEL CONSTRUCTION WORKERS. CONTACT THE DISTRICT 8 EEO OFFICE AT 618-346-3360 AND/OR THE HCCTP COORDINATOR AT 618-874-6528 TO LEARN MORE ABOUT THE PROGRAM AND FOR ASSISTANCE IN MEETING WORKFORCE AND TRAINEE GOALS.
25. BASED ON AVAILABLE PAVEMENT CORES ON IL 143 FROM STA. 265+85 TO STA. 269+20, THE SCHEDULES ASSUME 6" OF MILLING AND RESURFACING FOR THE ENTIRE WIDTH OF ROADWAY. ACTUAL FIELD CONDITIONS MAY VARY.

COMMITMENTS

NONE

MIXTURE REQUIREMENTS

ROUTE	FAP 2/789 (IL 3)
SECTION	(101,102)RS-2,202RS-4
COUNTY	Madison
CONTRACT	76G06

ADT (Construction Yr):	19700
MU%:	7.6
SU%:	7.3
20 YR. ESAL'S:	11.06

DESCRIPTION:	IL 3 From IL 143 to Pontoon Road
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MIXTURE USE	POLY SURFACE	POLY BINDER		
AC/PG	SBS PG 76-22	SBS PG 76-22		
DESIGN AIR VOIDS	4.0% @ Ndes=90	4.0% @ Ndes=90		
MIX COMPOSITION				
(GRADATION MIXTURE)	IL 9.5	IL 19.0 FG		
FRICION AGG	MIXTURE "E"	MIXTURE "B"		

MIXTURE USE	SHOULDERS > 2.25"	SHOULDERS < 2.25"		
AC/PG	PG 64-22	PG 64-22		
DESIGN AIR VOIDS	**2.0% @ Ndes=30	**2.0% @ Ndes=30		
MIX COMPOSITION	NMAS 3/4"	NMAS 1/2"		
(GRADATION MIXTURE)				
FRICION AGG				

*** Top Lift Shoulders - Design this mix at 2.0% voids and add asphalt to reduce voids to 1.5%.*

Plan quantities for Bituminous Concrete Surface Course items are calculated using a unit weight of 112 lb/sq yd/in (59.8 kg/sq m/25 mm thickness).

FILE NAME *	USER NAME * elyashkardio	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS, GENERAL NOTES & LIST OF STANDARDS				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
c:\pwwork\pwwork\elyashkardio\0316203\0316203.dwg	0316203-ahtr-plan.dgn	DRAWN -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	2	(101, 102)RS-2, 202RS-4	MADISON	69	2
#MODELNAME*	PLOT SCALE * 1/8"=1'-0" / 1" = 10'	CHECKED -	REVISED -		CONTRACT NO. 76G06										
	PLOT DATE * 4/12/2013	DATE -	REVISED -		ILLINOIS FED. AID PROJECT										